Amendments of the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A receiver for receiving data frames transmitted through a communication channel and comprising an error ~~deteetion~~correction device for correcting transmission errors in the received data, wherein said error correction device comprises:

- storage means for storing information associated with a predetermined set of speech elements that are suitable for reconstituting words of a vocal language, the predetermined set of speech elements being different than the data in the received data frames,
- vocal recognition means configured to use the information associated with the predetermined set of speech elements to recognize corresponding speech elements in the received data frames,
- detection means for detecting corrupted parts in the recognized speech elements,
- synthesis means configured to use the information associated with the predetermined set of speech elements to synthesize parts of the recognized speech elements corresponding to the corrupted parts, and
- replacement means for replacing said corrupted parts by synthesized parts in the received data frames.

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2. (Previously Presented) A receiver as claimed in claim 1, wherein said speech elements are phonemes or diphones.

3. (Cancelled)

4. (Original) Telephone equipment comprising a receiver as claimed in claim 1.

5. (Currently Amended) An error correction device for correcting transmission errors in received digital data frames, comprising:

- storage means for storing information associated with a predetermined set of speech elements that are suitable for reconstituting words of a vocal language, the predetermined set of speech elements being different than the data in the received data frames,
- vocal recognition means configured to use the information associated with the predetermined set of speech elements to recognize corresponding speech elements in the received data frames,
- detecting means for detecting corrupted parts in the recognized speech elements,
- synthesis means configured to use the information associated with the predetermined set of speech elements to synthesize parts of the recognized speech elements corresponding to the corrupted parts, and
- replacement means for replacing said corrupted parts by the synthesized parts in the received data frames.

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6. (Currently Amended) A communication system for transmitting data frames between a transmitter and a receiver via a communication channel, the receiver comprising an error ~~detection~~correction device for correcting transmission errors in the received data, wherein said error correction device comprises:

- storage means for storing information associated with a predetermined set of speech elements that are suitable for reconstituting words of a vocal language, the predetermined set of speech elements being different than the data in the received data frames,
- vocal recognition means configured to use the information associated with the predetermined set of speech elements to recognize corresponding speech elements in the received data frames,
- detecting means for detecting corrupted parts in the recognized speech elements,
- synthesis means configured to use the information associated with the predetermined set of speech elements to synthesize parts of the recognized speech elements corresponding to the corrupted parts, and
- replacement means for replacing said corrupted parts by the synthesized parts in the received data frames.

7. (Currently Amended) An error detection method for correcting transmission errors in received digital data frames, comprising the following steps:

- a storage step for storing information associated with a predetermined set of speech elements that are suitable for reconstituting words of a vocal language, the predetermined set of speech elements being different than the data in the received data frames,
- a vocal recognition step for using the information associated with the predetermined set of speech elements to permanently recognize corresponding speech elements in the received data frames,
- a detection step for detecting corrupted parts in the received speech elements,
- a synthesis step for using the information associated with the predetermined set of speech elements to synthesize parts of the recognized speech elements corresponding to the corrupted parts, and
- a replacement step for replacing said corrupted parts by the synthesized parts in the data frame.

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8. (New) An error correction device as claimed in claim 5, wherein said speech elements are phonemes or diphones.

9. (New) A communication system as claimed in claim 6, wherein said speech elements are phonemes or diphones.

10. (New) An error correction method as claimed in claim 7, wherein said speech elements are phonemes or diphones.